

ABSTRACT OF THE DISCLOSURE

Color converters are often implemented as hardware due to being required to perform high-speed processing; however, the scale of hardware of a color converter that corresponds to five or more colors becomes large and its cost rises.

- 5 Since acquisition of a color converter that corresponds to four colors is easy, it is desirable to provide for the handling of five or more colors effectively using a four-color color converter. Thereby, when converting RGB image data into CMYKLcLm image data, a color converter, which almost simultaneously color-converts RGB into CMYK, executes RGB to LcLm color conversion and then
- 10 executes RGB to CMYK color conversion. Then, the color conversion result is held in memory and CMYKLcLm image data is generated.